

STN CA Caesar accession number : 1915
 AN - 1991:206591 CAPLUS
 DN - 114:206591
 TI - Preparation of [(perfluoroalkyl)ethyl]thioureas and -carbodiimides
 IN - Bollens, Eric; Szonyi, Francois; Cambon, Aime
 PA - Atochem S. A., Fr.
 SO - Ger. Offen., 20 pp.
 CODEN: GWXXBX
 DT - Patent
 LA - German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PN	- DE4016071 FR2647112 GB2231870 GB2231870 JP3027352 JP7037438 US5026910 US5107021	A A A B A B A A	19901129 19901123 19901128 19920722 19910205 19950426 19910625 19920421	DE 1990-4016071 FR 1989-6639 GB 1990-11287 JP 1990-132453 US 1990-526992 US 1991-685305	19900518 19890522 19900521 19900522 19900522 19910412
PR	- FR 1989-6639 US 1990-526992		19890522 19900522		
OS	- MARPAT 114:206591				
AB	- R(CH ₂) ₂ X [X = isothiocyanato, N:C:N(CH ₂) ₂ R ₁ , NHCSA; R, R ₁ = C ₂ -16 perfluoroalkyl; A = (substituted) amino, ammonium salt, N-oxide, etc.] were prep'd. Thus, Ph ₃ P in THF was added dropwise to n-C ₄ F ₉ (CH ₂) ₂ N ₃ and the mixt. was stirred 1 h, cooled to 0.degree., and CS ₂ was added. The stirring continued 2 h without cooling to give n-C ₄ F ₉ (CH ₂) ₂ N:C:S (I) in 69% yield.				

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IT	- 133600-49-4P 133600-52-9P		133600-50-7P 133600-65-4P	133600-51-8P	
	RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)				
RN	- 133600-49-4 CAPLUS				
CN	- Thiourea, N,N'-bis(3,3,4,4,5,5,6,6,6-nonafluorohexyl)- (9CI) (CA INDEX NAME)				

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133600-50-7 CAPLUS

(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoroctyl)- (9CI) (CA INDEX
NAME)

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RN 133600-51-8 CAPLUS
CN Thiourea, N,N'-bis(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoroctyl)-
(9CI) (CA INDEX NAME)

[--00000093]

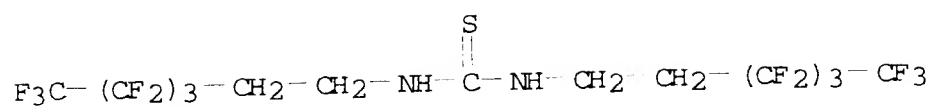
RN 133600-52-9 CAPLUS
CN Thiourea, N-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-
heptadecafluorodecyl)-N'-(3,3,4,4,5,5,6,6,6-nonafluorohexyl)- (9CI)
(CA INDEX NAME)

[--00000094]

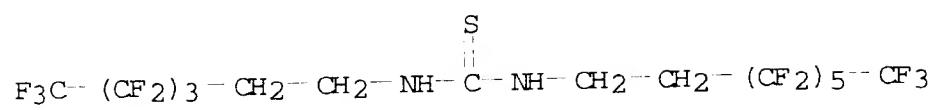
RN 133600-65-4 CAPLUS
CN 1,2-Ethanediaminium, N,N,N',N'-tetramethyl-N,N'-bis[2-
[[thioxo[(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoroctyl)amino]methyl]
amino]ethyl]-, dibromide (9CI) (CA INDEX NAME)

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[--00000096]

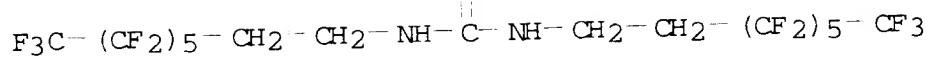


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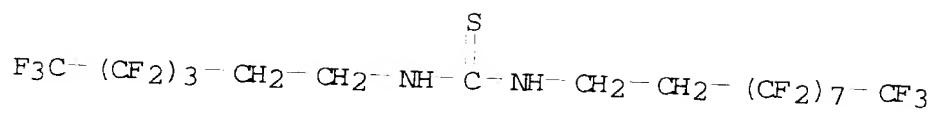


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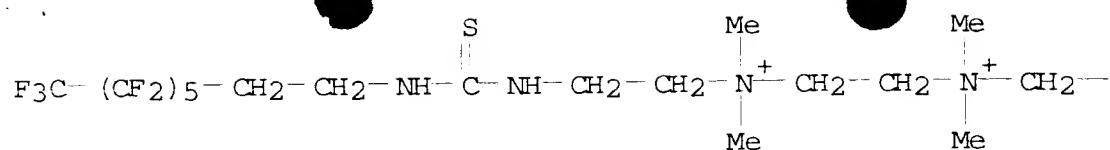
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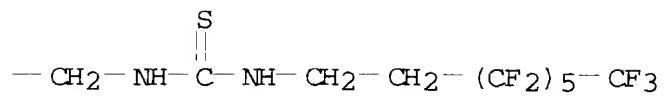


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